



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/730,238 | 12/05/2000 | Brian A. Leete | 884.335US1 | 7903 |

7590

09/11/2003

Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

EXAMINER

LEE, CHRISTOPHER E

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2189

DATE MAILED: 09/11/2003

4

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary

Application No.

09/730,238

Applicant(s)

LEETE, BRIAN A.

Examiner

Christopher E. Lee

Art Unit

2189

All participants (applicant, applicant's representative, PTO personnel):

(1) Christopher E. Lee (USPTO).

(3) Robert E. Mates (Reg. No. 35,271).

(2) Glenn Auve (USPTO).

(4) _____.

Date of Interview: 09 September 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☒ Yes e) ☐ No.

If Yes, brief description: Statement of Issues via FAX on 14th of August, 2003 (See Attachment).

Claim(s) discussed: 1, 12 and 21.


Identification of prior art discussed: Yaguchi et al. (JP 2000-231969) and Tsai (US 6,283,789 B1).

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.


Glenn A. Auve
Primary Patent Examiner
Technology Center 2100

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent and Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed the invention and the proposed amended claims 1, 12 and 21. The Examiner points out the dependent claim 7 couldn't further limit the amended claim 1 because the amended claim 1 already limits the claimed subject matter in the dependent claim 7. The Applicant points out the new limitation claims a single cable delivers two subject matters, such that power and data signals. And, the Applicant will file amended claims after further consideration for overcoming the prior art of the record.

PROPOSED AMENDMENT TO CLAIMS
Serial Number: 09/730238
Filing Date: December 5, 2000
Title: POWER SUPPLY WITH BUS HUB
Assignee: Intel Corporation

Page 1
Dkt: 884.335US1 (INTEL)

PROPOSED AMENDMENT TO CLAIMS

The applicant respectfully requests an interview and proposes the following amendments to the independent claims:

1. (proposed amendment) An apparatus, comprising:
 - a housing;
 - a power supply enclosed in the housing; and
 - a bus hub enclosed in the housing; and
 - a downstream receptacle in the housing, the downstream receptacle being coupled to the power supply, the bus hub, and a cable to couple power from the power supply and data signals from the bus hub to the cable and to receive power and data signals from the cable.

12. (proposed amendment) A computing unit, comprising:
 - a computer comprising:
 - an upstream receptacle to deliver data signals to the computer[[],]; and
 - a power receptacle to deliver electrical power to the computer; and
 - a power hub coupled to the upstream receptacle and the power receptacle via a cable, wherein the power hub comprises:
 - a housing[[],];
 - a power supply enclosed in the housing[, and];
 - a bus hub enclosed in the housing; and
 - a downstream receptacle in the housing, the downstream receptacle being coupled to the power supply, the bus hub, and the cable to couple power from the power supply and data signals from the bus hub to the cable and to receive power and data signals from the cable.

PROPOSED AMENDMENT TO CLAIMS

Serial Number: 09/730238

Filing Date: December 5, 2000

Title: POWER SUPPLY WITH BUS HUB

Assignee: Intel Corporation

Page 12
Dkt: 884.335US1 (INTEL)**PROPOSED AMENDMENT TO CLAIMS**

21. (proposed amendment) A cable comprising:
- a device power wire to provide power from a computer to a power hub;
 - a device ground wire;
 - a computer power wire to provide power from the power hub to the computer;
 - a computer ground wire; and
 - a plurality of signal wires to carry data signals between the computer and the power hub.

SCHWEGMAN, LUNDBERG WOESSNER & KLUTH, P.A.

PATENT, TRADEMARK & COPYRIGHT ATTORNEYS

P.O. Box 2938

Minneapolis, MN 55402

Telephone (612) 373-6900

Facsimile (612) 339-3061

14
August 13, 2003

TO: Commissioner for Patents
Attn: Examiner Christopher E. Lee
Patent Examining Corps
Washington, D.C. 20231

FROM: Robert E. MatesOUR REF: 884.335US1TELEPHONE: (612) 373-6973FAX NUMBER (703)746-9248*** Please deliver to Examiner Christopher E. Lee in Art Unit 2189. ***Document(s) Transmitted: Proposed Amendment to ClaimsTotal pages of this transmission, including cover letter: 3

If you do NOT receive all of the pages described above, please telephone me at 612-373-6973, or fax me at 612-339-3061.

In re. Patent Application of: Brian A. Leetc

Examiner: Christopher E. Lee

Serial No.: 09/730,238

Group Art Unit: 2189

Filed: December 5, 2000

Docket: 884.335US1

Title: POWER SUPPLY WITH BUS HUB

Examiner Lee: Thank you for speaking with me today. Attached is a copy of a proposed amendment to the independent claims. Please call me at (612) 373-6973 to schedule an interview regarding this proposed amendment.

Regards,

Robert E. Mates

(612) 373-6973

This transmission contains information that is confidential and/or legally privileged. It is intended for use only by the person to whom it is directed. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the return of the original documents to us. If you do NOT receive all of the pages, please telephone us in the U.S.A. at (612) 339-0331 or FAX us at (612)339-3061.